

From wb3fau55 at neo.rr.com Wed Mar 2 05:04:17 2016
From: wb3fau55 at neo.rr.com (wb3fau55 at neo.rr.com)
Date: Wed, 2 Mar 2016 5:04:17 -0500
Subject: [BoatAnchors] R-390A connectors
Message-ID: <20160302100417.LBCZ1.93010.root@cdptpa-web17>

Guys, I need a source for chassis and modules. In particular, I need a female connector for the IF strip. Same connector is also found in a T-195 transmitters modulator. Anybody got a junker out there I could take it from? 73s Russ.

From jay at kk5im.com Wed Mar 9 15:30:58 2016
From: jay at kk5im.com (Jay H. Miller)
Date: Wed, 9 Mar 2016 14:30:58 -0600
Subject: [BoatAnchors] TCS XMTR Relay Needed
Message-ID: <a062408afd30637a09037@[192.168.0.118]>

Started bringing up the TCS-12 transmitter and discovered that K102 antenna relay has an open coil. This is a 12vdc DPDT open frame relay.

Anyone with a parts rig or possibly a spare relay please drop me a note.

Good news though is the receiver (which was brand new, never used) worked perfectly.

Thanks!

***** jay at kk5im.com *****
Jay H. Miller, KK5IM Crawford, Texas
NRA * ARRL * DXCC * S.A.S.S. #34,692
32? AASR * MVPA #25,180
Website: <http://www.kk5im.com>
***** Proud to be 100% Macintosh since 1984! *****

From gumbear at pacbell.net Thu Mar 10 20:48:12 2016
From: gumbear at pacbell.net (Arden Allen)
Date: Thu, 10 Mar 2016 17:48:12 -0800
Subject: [BoatAnchors] TCS XMTR Relay Needed
In-Reply-To: <a062408afd30637a09037@[192.168.0.118]>
References: <a062408afd30637a09037@[192.168.0.118]>
Message-ID: <50B21234261B4D9EB20FEB8D7C517F46@KB6NAX>

> Started bringing up the TCS-12 transmitter and discovered that K102 antenna relay has an open coil. This is a 12vdc DPDT open frame relay.

Look to see if the break is at one of the solder terminals. That's where

most coil winding opens occur. It may be repairable.

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From jp at cs.unc.edu Sun Mar 13 13:32:11 2016
From: jp at cs.unc.edu (John Poulton)
Date: Sun, 13 Mar 2016 13:32:11 -0400
Subject: [BoatAnchors] FS: SX-73 Radio(s) Project
Message-ID: <CAKtz7feMG+49E4715hZcVeEgHkNZ7SVpbV++nU7+BrP9rnMAhQ@mail.gmail.com>

Folks,

Like many of you, I have too many projects and too little time. I've had a clutch of three Hallicrafters SX-73 (R-274) receivers sitting in my shack for some years. These very nice, and somewhat uncommon, radios deserved better than just sitting around collecting dust!

So, I'm offering them for sale as a group--one has been 95% restored and is nearly complete, but will require a bit of finishing off before it's ready to use. There are two others that have been partly dis-assembled, but appear complete otherwise, and are ready for restoration. The front panels for both of the un-restored radios have been cleaned, repainted and re-screened.

See photos at:

http://jptronics.org/pix/sx73_project/

Asking \$600 for the lot, including all parts, panels, and extras. If interested, please read further for details and get back to my by email to discuss delivery or pickup options (e.g., delivery to Dayton in May).

The restored radio was a project of my friend Tom Warren, who died a few years back. Tom had very nearly completed this radio, including complete dis-assembly and cleaning, *complete* dis-assembly, cleaning and re-lube of the tuning capacitors, replacement of the front-panel toggles, and much more. Tom died before he could complete the last 5% of the project..

please know that Tom was a meticulous restorer, so what has been done to this point was done very well indeed! This radio is nearly ready to play.

There are two re-finished front panels. One of them is a darker gray and is the twin of the one on the restored radio. Tom and I found a local paint company and screen artist to do these, and they turned out really well! The second refinished panel is lighter in color, but I believe this light-gray was correct for some models of the R-274/SX-73. This one was done by Walt Novinger, and it, too, looks very nice. I have bags of parts--knobs, dials, hardware, you name it. I can also help the buyer with restoration parts, if need be.

The two unrestored radios appear to be complete, except for the top=cover sheet metal. I'm 90% sure I'll located it shortly, but haven't yet.

I'll also include an original manual for either the MIL or commercial version (they are identical in all respects except for front-panel tags).

Thanks for looking!

73, John K4OZY Chapel Hill, NC

From K8MFO at aol.com Mon Mar 14 13:47:37 2016
From: K8MFO at aol.com (K8MFO at aol.com)
Date: Mon, 14 Mar 2016 13:47:37 -0400
Subject: [BoatAnchors] Battery for Heathkit IM-17 VOM
Message-ID: <1b6683.18984881.44185338@aol.com>

Boatanchorites ..

I'm looking for a reasonably priced replacement for an EVEREADY E126 8.4V mercury battery, as used in the Heathkit IM-17 VOM. I understand that mercury batteries are no longer manufactured.

A Google search yields the info that MAYBE Eveready 206 or Excell 206A 9V batteries will work. I can't find a source for less than \$23.95.

Anyone have thoughts or experience with finding a suitable replacement?

Thanks!

Don K8MFO

From john.shriver at gmail.com Mon Mar 14 14:39:48 2016
From: john.shriver at gmail.com (John Shriver)
Date: Mon, 14 Mar 2016 14:39:48 -0400
Subject: [BoatAnchors] Battery for Heathkit IM-17 VOM

In-Reply-To: <1b6683.18984881.44185338@aol.com>
References: <1b6683.18984881.44185338@aol.com>
Message-ID: <CAEv8c7EbA6jc+GJTQd9SRXTyA=8T1BFBMe_yLC4NdrXFGoA1Jw@mail.gmail.com>

This page:

<http://www.eham.net/ehamforum/smf/index.php?topic=77852.0>

recommends using a 9V lithium smoke-alarm battery. Very very long life with stable voltage under low current draw. You have to calibrate for the different voltage.

On Mon, Mar 14, 2016 at 1:47 PM, Donald Karvonen K8MFO via BoatAnchors <boatanchors@theporch.com> wrote:

> Boatanchorites ..
>
> I'm looking for a reasonably priced replacement for an EVEREADY E126 8.4V
> mercury battery, as used in the Heathkit IM-17 VOM. I understand that
> mercury batteries are no longer manufactured.
>
> A Google search yields the info that MAYBE Eveready 206 or Excell 206A 9V
> batteries will work. I can't find a source for less than \$23.95.
>
> Anyone have thoughts or experience with finding a suitable replacement?
>
> Thanks!
>
> Don K8MFO
> -----
> BoatAnchors mailing list
> BoatAnchors@theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>
>

From ark at ar88.net Mon Mar 14 14:40:29 2016
From: ark at ar88.net (Al Klase)
Date: Mon, 14 Mar 2016 14:40:29 -0400
Subject: [BoatAnchors] Battery for Heathkit IM-17 VOM
In-Reply-To: <1b6683.18984881.44185338@aol.com>
References: <1b6683.18984881.44185338@aol.com>
Message-ID: <56E7059D.8040901@ar88.net>

Don,

How about 3 lithium coin cells stacked up with a suitable spacer?
CR1620's are 16 mm O.D., and are frightfully cheap on Ebay. Sources
should hold up for a long time.

Al

Al Klase ? N3FRQ
Jersey City, NJ
<http://www.skywaves.ar88.net/>

On 3/14/2016 1:47 PM, Donald Karvonen K8MFO via BoatAnchors wrote:

> Boatanchorites ..
>
> I'm looking for a reasonably priced replacement for an EVEREADY E126 8.4V
> mercury battery, as used in the Heathkit IM-17 VOM. I understand that
> mercury batteries are no longer manufactured.
>
> A Google search yields the info that MAYBE Eveready 206 or Excell 206A 9V
> batteries will work. I can't find a source for less than \$23.95.
>
> Anyone have thoughts or experience with finding a suitable replacement?
>
> Thanks!
>
> Don K8MFO
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From navy.radio at gmail.com Tue Mar 15 16:05:04 2016
From: navy.radio at gmail.com (Nick England)
Date: Tue, 15 Mar 2016 16:05:04 -0400
Subject: [BoatAnchors] hamfest photos - Charlotte and Orlando
Message-ID: <CAB55hNcGxuez04eHiW0-WS1+8vmNCM27Hk9WoeA1kKzZQC7rJw@mail.gmail.com>

Orlando photos thanks to Glenn WB4UIV
<http://www.virhistory.com/ham/orlando-16.htm>

Charlotte photos thanks to my iPhone
<http://www.virhistory.com/ham/clt-16.htm>
Pretty good selection of boatanchors with lots of S-line gear.

73 & Have Fun,
Nick England K4NYW
www.navy-radio.com

From arc5 at ix.netcom.com Wed Mar 16 10:07:53 2016
From: arc5 at ix.netcom.com (David Stinson)
Date: Wed, 16 Mar 2016 09:07:53 -0500
Subject: [BoatAnchors] hamfest photos - Charlotte and Orlando
In-Reply-To: <CAB55hNcGxuez04eHiW0-WS1+8vmNCM27Hk9WoeA1kKrZQC7rJw@mail.gmail.com>
References: <CAB55hNcGxuez04eHiW0-WS1+8vmNCM27Hk9WoeA1kKrZQC7rJw@mail.gmail.com>
Message-ID: <814B2B7E816943FC96586690914610BE@DaddyPC>

Thank you for the photos.
Always fun to see.

From artleb at earthlink.net Wed Mar 16 20:09:37 2016
From: artleb at earthlink.net (Art Lebermann)
Date: Wed, 16 Mar 2016 17:09:37 -0700 (GMT-07:00)
Subject: [BoatAnchors] FS: 3 Johnson Viking transmitters
Message-ID: <22822506.1458173377505.JavaMail.wam@mswamui-bichon.atl.sa.earthlink.net>

Selling three transmitters - a Viking 1 for parts or restoration, a Viking 2 modified for rack mount / untested, and a Viking 2 complete / untested. Selling as a lot for \$200. No shipping. Pick up in Alameda, CA (SF Bay Area), or will deliver within 100 miles for cost of gas.

Art Lebermann
W6REQ
(415) 748-8266

From wwatson5 at sbcglobal.net Fri Mar 18 15:33:10 2016
From: wwatson5 at sbcglobal.net (William Watson)
Date: Fri, 18 Mar 2016 19:33:10 +0000 (UTC)
Subject: [BoatAnchors] Eddystone 680X Parts
References: <1048620260.746552.1458329590178.JavaMail.yahoo.ref@mail.yahoo.com>
Message-ID: <1048620260.746552.1458329590178.JavaMail.yahoo@mail.yahoo.com>

I just received a beautiful Eddystone 680X?in working condition that I would like to improve just a bit.

It needs a nameplate and could use a replacement for the circular tuning dial that shows through the top of the enter window. The one that is on the set now has some pretty bad discoloration spots.

Would any of you happen to have either of these that you would part with or could you?steer me to a possible source?

Many thanks.

Joe WatsonW5WBREdmond, OK

From w4rl at bellsouth.net Sat Mar 19 22:23:39 2016
From: w4rl at bellsouth.net (Robert)
Date: Sat, 19 Mar 2016 21:23:39 -0500
Subject: [BoatAnchors] WTB #51 Line Fuse Bulb for Hickok 752 Tube Tester
Message-ID: <56EE09AB.7030006@bellsouth.net>

Fellas,

I need one or two of these bulbs. I'm trying to test the tubes in my KWM-2A. I'll gladly pay including postage.

Thanks for the read.

bst 73 de

Robert Lawson W4RL
4580 Sailboat Ln
Pensacola FL 32514

--

A veteran - whether active duty, retired, National Guard or Reserve - is someone who, at one point in his or her life, wrote a check made payable to "The United States of America" for an amount of "up to and including their life."

From w4rl at bellsouth.net Sun Mar 20 07:51:51 2016
From: w4rl at bellsouth.net (Robert)
Date: Sun, 20 Mar 2016 06:51:51 -0500
Subject: [BoatAnchors] Fwd: WTB #51 Line Fuse Bulb for Hickok 752 Tube Tester
In-Reply-To: <56EE09AB.7030006@bellsouth.net>
References: <56EE09AB.7030006@bellsouth.net>
Message-ID: <56EE8ED7.4090606@bellsouth.net>

Fellas,

I apologize as it is a Number 81 bayonet base bulb. Not a #51.

73

Robert W4RL

----- Forwarded Message -----

Subject: [BoatAnchors] WTB #51 Line Fuse Bulb for Hickok 752 Tube Tester
Date: Sat, 19 Mar 2016 21:23:39 -0500
From: Robert via BoatAnchors <boatanchors at theporch.com>
Reply-To: Robert <w4rl at bellsouth.net>
To: Boatanchors List <boatanchors at theporch.com>

Fellas,

I need one or two of these bulbs. I'm trying to test the tubes in my KWM-2A. I'll gladly pay including postage.

Thanks for the read.

bst 73 de

Robert Lawson W4RL
4580 Sailboat Ln
Pensacola FL 32514

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BoatAnchors mailing list
BoatAnchors at theporch.com
<https://minime.theporch.com/mailman/listinfo/boatanchors>

From hurstjsj at gmail.com Sun Mar 20 10:16:20 2016
From: hurstjsj at gmail.com (.)
Date: Sun, 20 Mar 2016 07:16:20 -0700
Subject: [BoatAnchors] Fwd: WTB #51 Line Fuse Bulb for Hickok 752 Tube Tester
In-Reply-To: <56EE8ED7.4090606@bellsouth.net>
References: <56EE09AB.7030006@bellsouth.net> <56EE8ED7.4090606@bellsouth.net>
Message-ID: <CAHaTdnvLKfihSoTNeLXJQHnQjiEjPR=ZmMQ1YH4n1pZtX1WkqA@mail.gmail.com>

You can buy a box of 10 type 81's from McMaster Carr for \$7.48.

73, John KU6X

<https://www.avast.com/sig-email?
utm_medium=email&utm_source=link&utm_campaign=sig-
email&utm_content=webmail&utm_term=oa-2115-f>

0

viruses found. www.avast.com

<https://www.avast.com/sig-email?
utm_medium=email&utm_source=link&utm_campaign=sig-
email&utm_content=webmail&utm_term=oa-2115-f>
<#DDB4FAA8-2DD7-40BB-A1B8-4E2AA1F9FDF2>

On Sun, Mar 20, 2016 at 4:51 AM, Robert via BoatAnchors <
boatanchors at theporch.com> wrote:

> Fellas,

>

> I apologize as it is a Number 81 bayonet base bulb. Not a #51.

>

> 73

>

> Robert W4RL

>

>

> ----- Forwarded Message -----

> Subject: [BoatAnchors] WTB #51 Line Fuse Bulb for Hickok 752 Tube

> Tester

> Date: Sat, 19 Mar 2016 21:23:39 -0500

> From: Robert via BoatAnchors <boatanchors at theporch.com>

> Reply-To: Robert <w4rl at bellsouth.net>

> To: Boatanchors List <boatanchors at theporch.com>

>

>

>

> Fellas,

>

> I need one or two of these bulbs. I'm trying to test the tubes in my

> KWM-2A. I'll gladly pay including postage.

>

> Thanks for the read.

>

> bst 73 de

>

> Robert Lawson W4RL

> 4580 Sailboat Ln

> Pensacola FL 32514

>

> --

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> Reserve - is someone who, at one point in his or her life,
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>

> -----

> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

>

>

>

> -----

> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

>

From w4rl at bellsouth.net Sun Mar 20 08:30:59 2016

From: w4rl at bellsouth.net (Robert)

Date: Sun, 20 Mar 2016 07:30:59 -0500

Subject: [BoatAnchors] Fwd: WTB #51 Line Fuse Bulb for Hickok 752 Tube

Tester

In-Reply-To: <assp.08871a3671.000901d182a0\$5abc6790\$103536b0\$idworld.net>

References: <56EE09AB.7030006@bellsouth.net> <56EE8ED7.4090606@bellsouth.net>

<assp.08871a3671.000901d182a0\$5abc6790\$103536b0\$idworld.net>

Message-ID: <56EE9803.7090708@bellsouth.net>

Gary, thanks for the leg up on the #81. Really appreciate it. So
fellas it's off to the auto parts store for me this afternoon. Hopefully
they still stock 6 vdc bulbs in a 12 volt world.

Yep they say Bible Baptist sermons win out over Boatanchor Bulbs in
being first in line for the day. Though hope your Bulb Bin holds a
bright treasure for me just in case.

tnx agn es 73 de Robert W4RL

On 3/20/2016 7:02 AM, Gary H. Harmon, Jr. wrote:

> Robert, it looks to be an old standard 6v auto light bulb. There are many
> on eBay and you might find one at an old auto parts with back room stock.

>

> I will check my stock later after church to see if I might have one or two.

>

> 73,

>

> Gary H. Harmon, Jr. - K5JWK - HAM Radio and ATARI Archaeologist
> 6003 Archwood
> San Antonio, TX 78239-1504
> 210.657.1549 h / 210.884.6926 c/t
> 210.657.1549 fax with prior notification
> gharmon at idworld.net
>
> "Too many projects - Not enough time!"
> "Retirement = Every day is a Saturday except Sunday"
> <http://www.grissomroadcoc.org>
>
> -----Original Message-----
> From: BoatAnchors [mailto:boatanchors-bounces at theporch.com] On Behalf Of
> Robert via BoatAnchors
> Sent: Sunday, March 20, 2016 6:52 AM
> To: Boatanchors List
> Subject: [BoatAnchors] Fwd: WTB #51 Line Fuse Bulb for Hickok 752 Tube
> Tester
>
> Fellas,
>
> I apologize as it is a Number 81 bayonet base bulb. Not a #51.
>
> 73
>
> Robert W4RL
>
>
> ----- Forwarded Message -----
> Subject: [BoatAnchors] WTB #51 Line Fuse Bulb for Hickok 752 Tube
> Tester
> Date: Sat, 19 Mar 2016 21:23:39 -0500
> From: Robert via BoatAnchors <boatanchors at theporch.com>
> Reply-To: Robert <w4rl at bellsouth.net>
> To: Boatanchors List <boatanchors at theporch.com>
>
>
>
> Fellas,
>
> I need one or two of these bulbs. I'm trying to test the tubes in my
> KWM-2A. I'll gladly pay including postage.
>
> Thanks for the read.
>
> bst 73 de
>
> Robert Lawson W4RL

> 4580 Sailboat Ln
> Pensacola FL 32514
>
> --
> A veteran - whether active duty, retired, National Guard or Reserve - is
> someone who, at one point in his or her life, wrote a check made payable to
> "The United States of America"
> for an amount of "up to and including their life."
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>
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> <https://minime.theporch.com/mailman/listinfo/boatanchors>
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--
A veteran - whether active duty, retired, National Guard or
Reserve - is someone who, at one point in his or her life,
wrote a check made payable to "The United States of America"
for an amount of "up to and including their life."

From wb0eq at yahoo.com Sun Mar 20 13:36:25 2016
From: wb0eq at yahoo.com (John Sehring)
Date: Sun, 20 Mar 2016 17:36:25 +0000 (UTC)
Subject: [BoatAnchors] Morphed equipment
References: <1813700186.1828989.1458495385557.JavaMail.yahoo.ref@mail.yahoo.com>
Message-ID: <1813700186.1828989.1458495385557.JavaMail.yahoo@mail.yahoo.com>

A ham radio buddy donated a Heathkit PS-3 regulated high voltage power supply to me.?

Before I even looked at it, I ckd the web to find out if later versions of it existed.

Yes indeed, the PS-4 and IP-32.? Among other changes, an adjustable negative bias supply was added.

When I finally looked closely at my supply, someone had already added a bias supply a la PS-4.? Very neatly done, looks like the unit came out of a lab environment.? Nice!--John Sehring ?VE6EQR-WB0EQ??nr Calgary, Alberta, Canada

From gumbear at pacbell.net Sun Mar 20 15:02:57 2016
From: gumbear at pacbell.net (Arden Allen)
Date: Sun, 20 Mar 2016 12:02:57 -0700
Subject: [BoatAnchors] Fwd: WTB #51 Line Fuse Bulb for Hickok 752 Tube
Tester
In-Reply-To: <56EE9803.7090708@bellsouth.net>
References: <56EE09AB.7030006@bellsouth.net> <56EE8ED7.4090606@bellsouth.net>
<assp.08871a3671.000901d182a0\$5abc6790\$103536b0\$idworld.net>
<56EE9803.7090708@bellsouth.net>
Message-ID: <78D045D6DCF04E9099B437108EB40ECD@KB6NAX>

.....So fellas it's off to the auto parts store for me this afternoon.
Hopefully
they still stock 6 vdc bulbs in a 12 volt world.

Robert, if you don't get any #81 bulbs in your next manna delivery I have a
stock of NIB #81 bulbs. Give me your mailing address and I'll have the USPS
angels get them to you.

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From k1lky68 at gmail.com Sun Mar 20 20:24:35 2016
From: k1lky68 at gmail.com (Roy Morgan)
Date: Sun, 20 Mar 2016 20:24:35 -0400
Subject: [BoatAnchors] Morphed equipment
In-Reply-To: <1813700186.1828989.1458495385557.JavaMail.yahoo@mail.yahoo.com>
References: <1813700186.1828989.1458495385557.JavaMail.yahoo.ref@mail.yahoo.com>
<1813700186.1828989.1458495385557.JavaMail.yahoo@mail.yahoo.com>
Message-ID: <8DF62316-D43E-48E7-9E8A-0645DDF43B66@gmail.com>

On Mar 20, 2016, at 1:36 PM, John Sehring via BoatAnchors <boatanchors at
theporch.com> wrote:

> A ham radio buddy donated a Heathkit PS-3 regulated high voltage power supply to
me.

John,

You are lucky indeed.

You may well know that the pass tubes in the PS-3 are type 1619. they are NOT metal 6L6 tubes. The 1619 was no doubt available cheaply to Heath as surplus when they designed the PS-2 and PS-3. They are 2.5 volt filament directly heated cathode tubes, and you may want to keep them on your wanted list for ham fests. (The AES price is now a bit over \$9.)

I note from my PS-3 schematic that the two series-ed filter caps (20uF at 350 volt) are not equalized for differing leakage. You may well want to add 10K or so in parallel with each if you replace those caps for reliable operation.

The Heath regulated supplies are quite handy. I have a later one here - the IP-17. It uses two 6L6GC's as the pass tubes, has both current and voltage meters, changeable 6.3 and 12.6 volt filament output, and the bias supply.

On all these, if you are planning to experiment with simple tube transmitters, you can bring out the unregulated B+ line for use as the high voltage plate supply. I have not added another output terminal on mine, but I expect to. This gives you a fixed plate supply in addition to the variable regulated output for the driver and screen.

Roy

Roy Morgan
k1lky68 at gmail.com
K1LKY Since 1958

From wb0eq at yahoo.com Sun Mar 20 23:28:16 2016
From: wb0eq at yahoo.com (John Sehring)
Date: Mon, 21 Mar 2016 03:28:16 +0000 (UTC)
Subject: [BoatAnchors] A ham radio buddy donated a Heathkit PS-3 regulated high voltage power supply to me.
References: <1859063231.2075951.1458530896161.JavaMail.yahoo.ref@mail.yahoo.com>
Message-ID: <1859063231.2075951.1458530896161.JavaMail.yahoo@mail.yahoo.com>

Thanks Roy for the tips!?

Yes, I will add unregulated B+ terminal to this unit.? I like the eq resistors as well.?--John Sehring ?VE6EQR-WB0EQ??nr Calgary, Alberta, Canada

From artleb at earthlink.net Mon Mar 21 03:37:22 2016
From: artleb at earthlink.net (Art Lebermann)
Date: Mon, 21 Mar 2016 00:37:22 -0700 (GMT-07:00)
Subject: [BoatAnchors] Eye tube hardware

Message-ID: <32332119.1458545842991.JavaMail.wam@elwamui-polski.atl.sa.earthlink.net>

Does anyone have an escutcheon (or bezel) for an eye tube in their junk box? I need the type that looks like an "eyelid", covering the top half of the tube display.

Art Lebermann
W6REQ

From dave at horsfall.org Mon Mar 21 17:30:17 2016
From: dave at horsfall.org (Dave Horsfall)
Date: Tue, 22 Mar 2016 08:30:17 +1100 (EST)
Subject: [BoatAnchors] Fwd: WTB #51 Line Fuse Bulb for Hickok 752 Tube Tester
In-Reply-To: <56EE9803.7090708@bellsouth.net>
References: <56EE09AB.7030006@bellsouth.net> <56EE8ED7.4090606@bellsouth.net>
<assp.08871a3671.000901d182a0\$5abc6790\$103536b0\$idworld.net>
<56EE9803.7090708@bellsouth.net>
Message-ID: <alpine.BSF.2.11.1603220817140.15730@aneurin.horsfall.org>

On Sun, 20 Mar 2016, Robert via BoatAnchors wrote:

> Gary, thanks for the leg up on the #81. Really appreciate it. So
> fellas it's off to the auto parts store for me this afternoon. Hopefully
> they still stock 6 vdc bulbs in a 12 volt world.

You'll need to find a store that still remembers ye olde VW Beetle... I learned to drive in one, and never felt so unsafe in my life (at least it was character-building, what with the fuel tank in the front, dodgy brakes and steering, etc)...

--

Dave Horsfall DTM (VK2KFU) "Those who don't understand security will suffer."

From k5apl41 at gmail.com Tue Mar 22 18:27:39 2016
From: k5apl41 at gmail.com (wes Bolin)
Date: Tue, 22 Mar 2016 17:27:39 -0500
Subject: [BoatAnchors] R392 Front Panel Removal
Message-ID: <CALM7jM4LfbCAd7De77sS=m9jykfEdDA8jDiE9X84Zi0f9zZd1A@mail.gmail.com>

I need to remove the front panel of my R392 so I can access the RF Deck. I think I have a bad shaft clamp on the Band Switch. The problem is that I have a different DIAL LOCK mechanism than is what in the T.O.'s. The T.O. version is a clamp, and it says to

loosen the shaft bushing on the front panel and rotate it (the clamp) out of the way.

My radio has a small flat plate that presses against the KC disk when tightened. Loosening the shaft bushing does not allow it to be rotated so I can't pull the front panel. The screw shaft that moves the flat plate has a pressed or staked bushing so I can't unscrew the shaft to disengage the flat plate.

Anybody familiar with this problem? How did you solve it? The radio is in very good condition and I don't want to damage anything trying to get the front panel off.

Thanks for any ideas.

Wes

From hbreuer at debitel.net Thu Mar 24 08:43:04 2016

From: hbreuer at debitel.net (Heinz Breuer)

Date: Thu, 24 Mar 2016 13:43:04 +0100

Subject: [BoatAnchors] BC-191

Message-ID: <7A7FBB13-45C5-40E2-95FC-BC56A052C67F@debitel.net>

Hello,

last weekend I picked up a BC-191 at a swapmeet in the Netherlands. It has a name tag from French military and came with a TU-5A tuning unit.

Unfortunately the VT-25 oscillator tube is missing and all VT-4C tubes have a burned out filament.

I am well aware that these tubes are difficult to come by but would appreciate any help.

It seems that 34 black flathead cabinet screws are also missing. These are 8-32 3/8 brass screws painted black.

Unfortunately these are not available in Germany.

I also need another tuning unit and would prefer either a TU-6A for 80m or a TU-8A for 40m.

vy 73 Heinz DH2FA, KM5VT

Von meinem iPhone gesendet

From arc5 at ix.netcom.com Thu Mar 24 10:06:16 2016

From: arc5 at ix.netcom.com (David Stinson)

Date: Thu, 24 Mar 2016 09:06:16 -0500

Subject: [BoatAnchors] VT-4 / 211 AudioLoonyToons

Message-ID: <DB191D9DFA9A4979BFE4C7BA8A6ECFCF@DaddyPC>

I know audiophoolery has jacked 211 tubes to the moon, but can someone please tell me what makes

this one especially lunatic?

<http://www.ebay.com/itm/222050770747>

From arc5 at ix.netcom.com Thu Mar 24 10:13:58 2016
From: arc5 at ix.netcom.com (David Stinson)
Date: Thu, 24 Mar 2016 09:13:58 -0500
Subject: [BoatAnchors] VT-4 / 211 AudioLoonyToons
Message-ID: <FC01FED13FBF4C8AB38C9B77E45BEFAD@DaddyPC>

I did more looking.

It seems the "Audio Gurus" who regularly fleece the audophoolery sheep have found themselves a stash of United Electronics 211s. As before, they then write articles and post web stuff on how much "better" this brand "sounds" than even a Western Electric. They get out the shears and the audio sheep line up to be shorn again; anything to remain a member of the "ain't we so audio special" club.

If you have any United Electronic 211s with the shock mounting dimple on top, this would be the time to trot them out and put them on Ebay. These "feeding frenzies" typically don't last long.

D.S.

From arc5 at ix.netcom.com Thu Mar 24 11:02:11 2016
From: arc5 at ix.netcom.com (David Stinson)
Date: Thu, 24 Mar 2016 10:02:11 -0500
Subject: [BoatAnchors] BC-191
In-Reply-To: <7A7FBB13-45C5-40E2-95FC-BC56A052C67F@debitel.net>
References: <7A7FBB13-45C5-40E2-95FC-BC56A052C67F@debitel.net>
Message-ID: <2611C8E6C35148A1AAC4E1ADE1D6D0C7@DaddyPC>

----- Original Message -----

From: "Heinz Breuer via BoatAnchors" <boatanchors at theporch.com>
Subject: [BoatAnchors] BC-191

> Unfortunately the VT-25 oscillator tube is missing

The VT-25 is actually a speech amplifier. The VT-4 tube furthest left is the oscillator. You can work CW without the VT-25.

As for 211s: I've had no real success finding a sub for them. I will be doing more work on that but no good results to report so far. In the mean time, the Chinese Shuguang 211 tubes seem to work fine in this application and can be found on Ebay for about \$55 each in "matched pairs."
Search "Shuguang 211."

I have an untested BC-77 dynamotor I'll be glad to give you for postage, but shipping will likely be monstrous. I'll see if I can find a box of the brass screws you need as well.

I don't have a spare 80 meter tuning unit, but they appear regularly on Ebay.

Steve has the connectors you need at very reasonable prices. Good man:
<http://www.ebay.com/itm/221894519561>
<http://www.ebay.com/itm/141904011745>
<http://www.ebay.com/itm/221897306564>
<http://www.ebay.com/itm/221653370497>

From arc5 at ix.netcom.com Thu Mar 24 12:52:06 2016
From: arc5 at ix.netcom.com (David Stinson)
Date: Thu, 24 Mar 2016 11:52:06 -0500
Subject: [BoatAnchors] "I Hates Meecees Tuh Pieces!..."
Message-ID: <193A7734C1474D4DBBF8AA8D4FDA75D43@DaddyPC>

While waiting to complete a deal for a TCS-12 dynamotor supply, I've been doing some preliminary work on a Halli-Scratchers rig. Of course, mice had nested in the thing and did what mice do, including chew-up a wafer switch.
<http://home.netcom.com/~arc5/mousemeal1.jpg>
(the black is rust-converting primer paint).

Luckily, the little demon chewed it in a "fixable" place. I got my trusty "Shoe Goo" glue (I think you could patch a torpedo hole in a battleship with this stuff), put some glue on each of the pieces, engaged the contact and supported the piece overnight. Next day, I put on a couple of more layers to give it strength. Working fine now.
<http://home.netcom.com/~arc5/mousemeal2.jpg>

73 Dave AB5S

From artleb at earthlink.net Fri Mar 25 19:14:20 2016
From: artleb at earthlink.net (Art Lebermann)
Date: Fri, 25 Mar 2016 16:14:20 -0700 (GMT-07:00)
Subject: [BoatAnchors] FS: Collins 75A-1 and 32V-3
Message-ID: <25328592.1458947660135.JavaMail.wam@mswamui-backed.atl.sa.earthlink.net>

Selling a Collins 75A-1 receiver and 32V-3 transmitter. Asking \$300 for the receiver and \$200 for the transmitter. Both are complete (in original Collins cabinets), but not tested. No shipping, but can deliver within 100 miles of San Francisco Bay area.

Art Lebermann, W6REQ
Alameda, CA
artleb at earthlink.net
(415) 748-8266

From wb0eq at yahoo.com Sat Mar 26 16:20:52 2016
From: wb0eq at yahoo.com (John Sehring)
Date: Sat, 26 Mar 2016 20:20:52 +0000 (UTC)
Subject: [BoatAnchors] Heat and Drake R-4* and T-4* & AC-4 gear
References: <796016870.387819.1459023652563.JavaMail.yahoo.ref@mail.yahoo.com>
Message-ID: <796016870.387819.1459023652563.JavaMail.yahoo@mail.yahoo.com>

I have run all my tube-type Drake stuff out of its cabinet (including the AC-4 P.S.).? I might leave the bottom cover(s) on though.
The xmtr especially benefits from a cooler environment.? I remember that every 10 degrees C lengthens (or shortens) component life by a factor of two.
I've been collecting and running tube-type BA's for almost 50 years and had almost no failures.? I believe cool running is a good part of that.--John Sehring ?
VE6EQR-WB0EQ??nr Calgary, Alberta, Canada

From arc5 at ix.netcom.com Sat Mar 26 17:54:11 2016
From: arc5 at ix.netcom.com (David Stinson)
Date: Sat, 26 Mar 2016 16:54:11 -0500
Subject: [BoatAnchors] BA Tune-Up Without B+?
Message-ID: <F64F4F42607E49588D856FBFF5BA5C2F@DaddyPC>

Soon I'm going to need to tune the PA of a BC-669 transmitter. If you've ever seen one, you know this means opening covers, sticking your hand in where the B+ lives, fiddling with a bunch of slides and etc.,

and trying again about a dozen times per fixed frequency. Each time you hope and pray you remembered to turn off the B+. Well, I'm old now and I will most certainly forget sooner or later. I've already played that game and have the scars from it. Don't think my weak old ticker will take many more jolts.

This is my idea- tell me if it will work:
Remove all power from the transmitter. Jam the PTT relay closed. Terminate the antenna connector with a 50-ohm load. (I know it's not designed for 50-ohms. I'll be using an external cap to fix that). Feed a hefty on-freq signal to the PA grids. Put a scope across the 50-ohm load on the output. Fiddle for max voltage across the load. If I'm right, this will get the tuning pretty close and minimize fiddling with it and skip having an early estate sale.

Should work even backwards- feed a 50-ohm terminated signal genny into the antenna and put the scope on the tube grids.

What do you think?

From smithab11 at comcast.net Sat Mar 26 21:06:19 2016
From: smithab11 at comcast.net (B. Smith)
Date: Sat, 26 Mar 2016 21:06:19 -0400
Subject: [BoatAnchors] BA Tune-Up Without B+?
In-Reply-To: <F64F4F42607E49588D856FBFF5BA5C2F@DaddyPC>
References: <F64F4F42607E49588D856FBFF5BA5C2F@DaddyPC>
Message-ID: <56F7320B.9060308@comcast.net>

I would grid dip the coil and then go from there.
k4chd

On 3/26/2016 5:54 PM, David Stinson via BoatAnchors wrote:
> Soon I'm going to need to tune the PA of a BC-669 transmitter. If
> you've ever seen one, you know
> this means opening covers, sticking your hand in where the B+ lives,
> fiddling with a bunch of slides and etc.,
> and trying again about a dozen times per fixed frequency.
> Each time you hope and pray you remembered to turn
> off the B+. Well, I'm old now and I will most certainly
> forget sooner or later. I've already played that game and
> have the scars from it. Don't think my weak old ticker will take many
> more jolts.

>
> This is my idea- tell me if it will work:
> Remove all power from the transmitter. Jam the PTT relay closed.
> Terminate the antenna connector
> with a 50-ohm load. (I know it's not designed for 50-ohms. I'll be
> using an external cap to fix that).
> Feed a hefty on-freq signal to the PA grids. Put a scope across the
> 50-ohm load on the output. Fiddle for max voltage across the load.
> If I'm right, this will get the tuning pretty close and minimize
> fiddling with it and skip having an early estate sale.
> Should work even backwards- feed a 50-ohm terminated
> signal genny into the antenna and put the scope on the tube grids.
>
> What do you think?
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>
>

From arc5 at ix.netcom.com Mon Mar 28 01:10:36 2016
From: arc5 at ix.netcom.com (David Stinson)
Date: Mon, 28 Mar 2016 00:10:36 -0500
Subject: [BoatAnchors] Well, There Was This BC-669 In The Barn....
Message-ID: <F799E0CF65D9442C8AB9A9CD79C65BF2@DaddyPC>

While waiting to acquire a TCS-12 dynamotor supply so
I can finish that project, I decided to do a little preliminary
work on a WWII 1945 Hallicrafters BC-669 that's been
waiting its turn for about, oh, 15 years or so.
Besides, a very kind and generous local ham has one
he wants to give me so I decided I'd "practice"
getting one revived. You know- get to know where
all the parts are and stuff.
I had a three-day weekend and I figured a little head start.
Well... one thing lead to another and...
I guess I don't know when to quit.
Really helps when you have the original Spare Parts
box handy. Still working on the transmitter but will
likely have it ready for the Texoma Trader's Net by
next weekend.
Pictures:
<https://goo.gl/photos/7apuv7XUWKYtszgf6>

GL OM ES 73 DE Dave AB5S

From k5apl41 at gmail.com Mon Mar 28 10:58:25 2016
From: k5apl41 at gmail.com (wes Bolin)
Date: Mon, 28 Mar 2016 09:58:25 -0500
Subject: [BoatAnchors] Old Manuals for sale
Message-ID: <CALM7jM7__pvM94FBmFgA3JTVoa+67+i4CEG8gk=T+SVSjxusTg@mail.gmail.com>

I have the following manuals for sale..

R-389/URR INSTRUCTION BOOK 14214-Phila-51-93 23July1954 \$15.00
TS-930S Instruction Manual VG \$5.00
Viking Thunderbolt Operational Manual, Bound, VG \$5.00
Viking Valiant Operation manual, Bound, F/G \$5.00
ICOM R7000 Receiver Instruction Manual VG/EXC \$5.00
VIKING II Transmitter Installation and Operation, Individual sheets in protectors, no covers, no binding. Contains photos, parts list,
harness, no schematic. \$5.00

Just wanting to pass on these manuals to someone who can use them. I prefer paypal. Include shipping and paypal fee, Thanks.
Wes

From arc5 at ix.netcom.com Thu Mar 31 09:50:05 2016
From: arc5 at ix.netcom.com (David Stinson)
Date: Thu, 31 Mar 2016 08:50:05 -0500
Subject: [BoatAnchors] 160 and 75 AM Freqs
Message-ID: <70C156B4F7B64564A3849EA6B9C3AE8D@DaddyPC>

IIRC, 3870, 3880, 3885 and 3890 cover about 90% of all U.S. AM activity on 75 meters (when the SSSOBs aren't being... themselves).

On 160, there's 1885 KC. Are there other 160 AM freqs that are widely used across the U.S.?

From arc5 at ix.netcom.com Thu Mar 31 09:53:41 2016
From: arc5 at ix.netcom.com (David Stinson)
Date: Thu, 31 Mar 2016 08:53:41 -0500
Subject: [BoatAnchors] Hallicrafters "Winged" Knobs.
Message-ID: <E986D086F6C941BBA395A955A70EF307@DaddyPC>

Those round, black Hallicrafters knobs with the "wings,"

like the ones on this radio:

http://musee.ref-union.org/musee/recepteurs_commerciaux/images/31.jpg

Is anyone still making good reproductions?

I need some.

Thanks.

From arc5 at ix.netcom.com Thu Mar 31 11:01:59 2016

From: arc5 at ix.netcom.com (David Stinson)

Date: Thu, 31 Mar 2016 10:01:59 -0500

Subject: [BoatAnchors] Crystal Eater?

Message-ID: <0D5798D7A11A490D8DD962056425F76C@DaddyPC>

This 6L6 crystal oscillator, 250 V B+.

Will it crack FT-243s?

<https://goo.gl/photos/Uhke9dbq7oAWpruV6>

From ebjr37 at charter.net Thu Mar 31 11:15:22 2016

From: ebjr37 at charter.net (Sandy)

Date: Thu, 31 Mar 2016 10:15:22 -0500

Subject: [BoatAnchors] Crystal Eater?

In-Reply-To: <0D5798D7A11A490D8DD962056425F76C@DaddyPC>

References: <0D5798D7A11A490D8DD962056425F76C@DaddyPC>

Message-ID: <56FD3F0A.9080404@charter.net>

No, I don't think so. This is a common Pierce oscillator circuit. The one to watch is the "Tri-tet" oscillator circuit, especially in a single tube transmitter using say a 6L6 or 807 or 6BG6 etc. The tri-tet can be horribly brutal at times on crystals! BEWARE!

The old ARRL "one tube "slatboard" rig made from old apple crate slats (chassis) and with the "bellwire" coils made without a coil form usually using a 6F6 or 6V6 and stealing power from a receiver such as a Hallicrafters S-40.

It was in the handbook for years. People who wanted more power subbed a 6L6 and this upped the crystal current.

It could be a "crystal cracker" rig without any apology. The Tritet circuit is a harmonic generator and can be very tricky to use. It does work, but is always risky when trying to generate maximum power output with a single tube transmitter.

73,

Sandy W5TVW

On 3/31/2016 10:01 AM, David Stinson via BoatAnchors wrote:

> This 6L6 crystal oscillator, 250 V B+.

> Will it crack FT-243s?

>

> <https://goo.gl/photos/Uhke9dbq7oAWpruV6>

>

>

>

> -----

> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From arc5 at ix.netcom.com Wed Mar 30 19:52:03 2016

From: arc5 at ix.netcom.com (David Stinson)

Date: Wed, 30 Mar 2016 18:52:03 -0500

Subject: [BoatAnchors] DC-35 Xtal Needed

Message-ID: <7F5EABBA4589484BA443DE0BB52BA2C0@DaddyPC>

I need this specific crystal.

Will purchase or trade.

Photo attached.

Thanks,

Dave AB5S

Top Marked:

CHAN FREQ.

3890 KC

Side Marked:

DC-35

XTAL 4275

CHAN 3890

FOR

BC-669-RCVR

From wb0eq at yahoo.com Thu Mar 31 14:09:17 2016

From: wb0eq at yahoo.com (John Sehring)

Date: Thu, 31 Mar 2016 18:09:17 +0000 (UTC)

Subject: [BoatAnchors] tubes for drake radios

References: <1878931801.491461.1459447757845.JavaMail.yahoo.ref@mail.yahoo.com>

Message-ID: <1878931801.491461.1459447757845.JavaMail.yahoo@mail.yahoo.com>

>There have been 6146 conversions. There are some hardware changes that have to occur and the plate voltage should be >lowered, but the conversion does work, I'm told.

This conversion is not sensible, IMO.

A 6146 wants a lot _more_ plate voltage (not less) to perform properly (i.e. linearly & efficiently) than a 6BJ6.? Plus a different tube socket.

Old Man Drake (was there one?) used 6JB6's due, in part I think,? to their high perveance? (see Langmuir-Child law), i.e. it makes lots of power with lower plate voltage (see .? Lower plate voltage can lead to longer component life, better reliability, and less cost to build a radio.

Same philosophy seen in R-4, -4A & -4B as they used a 6EH5 audio output tube--also high perveance type, rather than a 6AQ5

BTW, no less than Old Man (Art) Collins himself used a high perveance audio output tube in their 75S-* series of receivers, a 6BF5, for same reasons.

--John Sehring ?VE6EQR-WB0EQ??nr Calgary, Alberta, Canada

From 1oldlens1 at ix.netcom.com Thu Mar 31 14:54:38 2016

From: 1oldlens1 at ix.netcom.com (Richard Knoppow)

Date: Thu, 31 Mar 2016 11:54:38 -0700

Subject: [BoatAnchors] tubes for drake radios

In-Reply-To: <1878931801.491461.1459447757845.JavaMail.yahoo@mail.yahoo.com>

References: <1878931801.491461.1459447757845.JavaMail.yahoo.ref@mail.yahoo.com>

<1878931801.491461.1459447757845.JavaMail.yahoo@mail.yahoo.com>

Message-ID: <56FD726E.8010904@ix.netcom.com>

There was indeed an old man Drake see:

https://en.wikipedia.org/wiki/R._L._Drake_Company

and

<http://www.wb4hfn.com/DRAKE/DrakeArticles/History.htm>

I remember my engineer friend and mentor telling me about the then new Collins designs with low plate voltages. There are a number of advantages to that including reducing heat load. Collins also used some advanced circuits like common cathode mixers. Not all work as intended but the designs are still interesting and innovative.

So are Drake's designs and history has shown that the Drake equipment has proven easier to maintain over a long life.

Innovative design is not always successful as a survey of Hallicrafters equipment will show.

Engineering of commercial equipment is very complex, all sorts of factors have to be taken into account that may not be obvious at first glance, not least of which are final cost and manufacturing and marketing considerations. I once had a correspondent who was a food engineer, yup, designed mass produced food products. All those oddly

named chemicals in your pie are there for a reason. No reason if you make just one but things change if you make a million at a time.

On 3/31/2016 11:09 AM, John Sehring via BoatAnchors wrote:

>> There have been 6146 conversions. There are some hardware changes that have to occur and the plate voltage should be >lowered, but the conversion does work, I'm told.

> This conversion is not sensible, IMO.

> A 6146 wants a lot _more_ plate voltage (not less) to perform properly (i.e. linearly & efficiently) than a 6BJ6. Plus a different tube socket.

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>

> BTW, no less than Old Man (Art) Collins himself used a high perveance audio output tube in their 75S-* series of receivers, a 6BF5, for same reasons.

>

>

> --John Sehring VE6EQR-WB0EQ nr Calgary, Alberta, Canada

>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

--

Richard Knoppow

1oldlens1 at ix.netcom.com

WB6KBL